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06277693 or 09215996	2

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=> d hist

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FILE 'CPLUS, MEDLINE, BIOSIS' ENTERED AT 16:10:41 ON 24 NOV 2000

L1 2534 S CLA

L2 7441 S OCTADECADIENOI?

L3 9804 S L1 OR L2

L4 1125 S L3 AND CONJUGAT?

L5 100 S L4 AND ISOMERIZ?

L6 49 S L5 AND ESTER?

L7 32 DUPLICATE REMOVE L6 (17 DUPLICATES REMOVED)

L5 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1987:182615 CAPLUS
DOCUMENT NUMBER: 106:182615
TITLE: Method for preparation of chromatographically pure
phosphatidylcholine from commercial
sunflower lecithin

AUTHOR(S): Stefanov, K.; Seizova, K.
CORPORATE SOURCE: Inst. Org. Chem., Sofia, 1040, Bulg.
SOURCE: Izv. Khim. (1986), 19(4), 528-33
CODEN: IZKHDX; ISSN: 0324-0401

DOCUMENT TYPE: Journal
LANGUAGE: Bulgarian

AB Com. sunflower lecithin in general contains 40-50% neutral and
35-45% polar lipids, e.g., phosphatidylcholine (PC),
phosphatidylethanolamine (PE) and phosphatidylinositol
(PI) in approx. equal quantities. The isolation of PC-enriched fraction
was based on the acylation of PE and partly of PI at room temp. in a
CHCl₃-pyridine soln. with a 5-fold excess of Ac₂O. The reaction mixt.

was
pptd. with Me₂CO and dissolved in EtOH. The soln. contg. >85% PC can be
used directly as a starting material for the prepn. of liposomes or
purified by column chromatog. on silica or on alumina and eluted by
CHCl₃-MeOH.